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TITLE: Conductive ball for anisotropic
conductive film

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Y

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PATENT-FAMILY:

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ABSTRACTED-PUB-NO: KR2002054107A

BASIC-ABSTRACT:

NOVELTY - A conductive ball for an anisotropic conductive film is provided to improve reliability regarding the anisotropic conductive film, by preventing indium tin oxide (ITO) glass from being broken and by reducing elastic stress which is a major factor of conductive breakdown.

DETAILED DESCRIPTION - A polymer layer(2) is coated on the outer surface of an

elastic tantalum ball (1) by a predetermined thickness. The polymer layer is made of polystyrene. A nickel layer (3) is formed on the outer surface of the polymer layer by a predetermined thickness. A gold layer (4) is coated on the outer surface of the nickel layer by a predetermined thickness.

CHOSEN-DRAWING: Dwg.1/10

TITLE-TERMS: CONDUCTING BALL ANISOTROPE CONDUCTING FILM

DERWENT-CLASS: A85 L03 U11

CPI-CODES: A04-C02E; A11-B05; A11-C04B1; A12-E01; L04-C10;

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